श्री नतुजी हालाजी ठाकोर : सभापति महोदय, मैं आपके माध्यम से माननीय मंत्री जी से यह सवाल करना चाहता हूं कि गुजरात सरकार को जो कोयला दिया जा रहा है वह पूर्वी क्षेत्र से दिया जा रहा है। वह दूरी 16 सौ किलोमीटर की है। उसके हिसाब से परिवहन-क्षेत्र का जो खर्च है, वह बढ़ जाता है। गुजरात सरकार की बार-बार रजुआत के बावजूद भी हमें पश्चिमी क्षेत्रों से कोयला नहीं दिया जा रहा है। इसके क्या कारण हैं?

श्री श्रीप्रकाश जायसवाल : सर, गुजरात सरकार हो या कोई दूसरी सरकार हो, जिस कोल कम्पनी से जिसको कोयला अलॉट हुआ है, उन कोल कम्पनीज़ से उस स्टेट को कोयला जा रहा है। गुजरात एक कोस्टल स्टेट है। गुजरात में बहुत-से लोग कोल का इम्पोर्ट भी कर रहे हैं। आपने जिस मामले में हमारा ध्यान आकर्षित किया है, उस संबंध में हमें गुजरात सरकार का भी एक प्रतिवेदन प्राप्त हुआ है। हम यह देख रहे हैं कि जिन कम्पनीज़ से गुजरात गवर्नमेंट कोयला मांग रही है, क्या उनके पास इतना कोयला है कि वह गुजरात सरकार की आवश्यकताओं की पूर्ति कर सके? अगर ऐसा होगा तो हम उनकी मांगों पर जरूर विचार करेंगे।

श्री आर.सी. सिंह : सर, जिन कम्पनीज़ को आउटसोर्सिंग करने के लिए सरकार अधिकार दे रही है, वे क्या माइनिंग रूल्स, रेगुलेशंस और वर्कमैन का जो वेज़-एग्रीमेंट होता है, उसको इम्प्लीमेंट करेंगे, ऐसी कोई व्यवस्था सरकार के पास है?

श्री श्रीप्रकाश जायसवाल : सर, जिनको भी आउटसोर्सिंग की अनुमति दी जाती है, उनको सरकार अपनी शर्त पर, अपने कानून पर और अपने विधान की शर्तों पर ही आउटसोर्सिंग की अनुमति दे सकती है। अगर वे सरकार के किसी भी कानून का वॉयलेशन करती हुई पाई जाएंगी, तो उनके खिलाफ कड़ी कार्रवाई की जाएगी।

श्री आर.सी. सिंह : सर, बैक फिलिंग एक ही कम्पनी नहीं कर रही है।

MR. CHAIRMAN: Question Hour is over.

WRITTEN ANSWERS TO STARRED QUESTIONS

Schemes of the Ministry of New and Renewable Energy

*324.SHRI SABIR ALI: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the details of programmes and schemes of the Ministry;

(b) in what manner these are being popularized;

(c) the targets for the current financial year; and

(d) in what manner the intended targets are being achieved in Uttar Pradesh and Bihar?

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH): (a) Details of the major schemes / programmes supported by the Ministry of New and Renewable Energy are given in the Statement-I (*See* below).

(b) The Government has taken several steps and measures to popularize and encourage renewable energy schemes / programmes in the country which include the following:

- Fiscal and financial incentives, such as, capital/ interest subsidy, accelerated depreciation, nil/ concessional excise and customs duties;
- Preferential tariff for grid interactive renewable power in most potential States;
- Benefit under Section 80-1A of Income Tax Act 1961 to undertakings setup for the generation or generation and distribution of renewable power;
- Directives under Electricity Act 2003 to all States for fixing a minimum percentage for purchase of power from renewable energy sources;
- Support for sector specific seminars/ workshops/ training programmes;
- Extensive publicity and awareness on the use of renewable energy systems/ devices through print and electronic media;
- Organizing special events like the Rajiv Gandhi Akshay Urja Diwas.

(c) Physical and financial targets set under various renewable energy schemes / programmes during 2009-10, are given in the Statement-II (*See* below).

(d) State-wise targets are allocated only under biogas programmes. A total potential of about 7 lakh and 19 lakh family type biogas plants has been estimated in Bihar and Uttar Pradesh. Against this potential, over 1.25 lakh and 4 lakh family type biogas plants have been set up in Bihar and Uttar Pradesh respectively as on 31.03.2009. A target for setting up of 300 biogas plants in Bihar and 4000 biogas plants in Uttar Pradesh has been fixed for 2009-10.

Statement-I

Details of the schemes/programmes supported by the Ministry of New and Renewable Energy

1. **Grid-interactive/Off-grid Renewable Power**:

- Wind Power: MW-scale Wind Farms/Aero generators/ Hybrid Systems
- Bio-power: Biomass power/Bagasse cogeneration; non-bagasse cogeneration; Biomass gasifiers for rural/industrial energy; U&I Wastes to energy
- Small Hydro Power: Small hydro power plants upto 25 MW capacity; Watermills/Micro hydel plants
- Solar Power: Grid-interactive -Solar Thermal and SPY plants, SPY Roof-top Systems for abatement of diesel power in urban areas

2. **Renewable Energy for Rural Applications**:

- Remote Village Electrification Programme: provision of lighting/ electricity in the unelectrified remote villages/ hamlets
- Village Energy Security Test Projects: meeting village energy requirements through locally available renewable resources, mainly biomass.
- Biogas Programme: setting up of Family Type biogas plants for cooking/ lighting/ manure/ small scale power generation

- Solar Thermal Systems: deployment of decentralized solar thermal systems/ devices, mainly solar cookers / driers for cooking, drying farm produce.

3. **Renewable Energy for Urban, Industrial & Commercial Applications:**

- Biomass(non-bagasse) based cogeneration and Wastes to Energy projects- *(reflected under off-grid/distributed renewable power under 1 above)*
- Solar water heating systems - for domestic, institutional, commercial/ industrial applications
- Solar air heating/ steam generation systems - for community cooking/other applications in institutions and industry.
- Geen Buildings - incorporating active systems and passive designs
- Solar Cities - for reducing their conventional energy consumption through energy conservation and use of renewable energy devices/ systems
- SPV systems/ devices - for demonstration/ awareness creation- SPV street lights, SPV street light control systems, SPV traffic signals, SPV hoardings, SPV power packs, etc.
- Akshay Urja Shops - to make available solar energy products and provide after-sales service.

4. **Research, Design & Development:**

- Supporting research and development projects at premier institutions and industries on different aspects of new and renewable energy technologies.

Statement-II

Physical and financial targets set under major renewable energy schemes/programmes during 2009-10

Sl. No.	Name of the Scheme/ Programme	Outlay 2009-10 (BE) (Rs.in crore)	Physical Outputs (Installed Capacity in MW)
1	2 3	4	
I.	**Grid Interactive Power**		
i	Wind Power	7	2500
	Small Hydro Power	100	300
	Biomass Power/ Cogeneration	30	400
	Urban and Industrial Waste to Power	12	15
	Solar Power	11	4
	TOTAL :	160	3,219

1	2	3	4
II	**Off-grid renewable power/DRPS-**		
	Wind-solar hybrid	5.00	0.30
	Watermills	4.00	17.50
	Bio Power	21.00	
	• Urban/ Industrial Waste-to-Energy		10.00
	• Biomass Power (Non-Bagasse)		50.00
	• Gasifier (Industrial)		10.00
	• Gasifier (Rural)		3.00
	SPV power systems		
	• Rooftop systems	10.00	1.00
	• Others	20.00	4.00
	TOTAL :	60.00	95.80
III.	**For Remote Villages**:	90.00	SPV lighting system for 1500 remote villages / hamlets
	• Remote Village Electrification Programme		
	• Village Energy Security Test Projects		50 villages/ hamlets
	For all villages:	65.00	
	• Family Type Bigas Plants		1.5 lakh plants (0.30 mln.m^3)
	• Solar Cookers		20,000 nos.
	TOTAL :	155.00	

Note: Other rural area programmes (decentralized SPV systems) included under S. No. IV.

IV	**Urban, Industrial and commercial Applications**		
	Solar Thermal Systems:		
	• Solar water heating systems for various applications	10.00	0.60 million m^2
	Other RE systems:	5.00	
	• ST Systems -Drying, Steam generation		
	• Energy-efficient buildings		
	• Akshay Urja Shops		
	• Solar Cities		
	SPY Systems	60.00	4 MWp aggregate capacity
	TOTAL :	75.00	

Note: Other urban area programmes (U&I/Biomass WTE (grid/ off-grid) included under S No I&II